UCL
Université catholique de Louvain

LSTAT2370
2013-2014

SAS advanced programming

6.0 credits	7.5 h + 25.0 h	2q

Teacher(s) :	Legrand Catherine ;
Language :	Français
Place of the course	Louvain-la-Neuve
Main themes :	-Data bases handling in SAS: writing of SQL requests to other data base systems (Oracle). Use of the SQL language in SAS. - Development of SAS macros: description of the SAS macro language, creation and use of macros, macro programming and debugging. - SAS advanced and efficient programming: efficient storage and manipulation of big datasets, memory optimisation, efficient programming techniques. - Application of all the tools on advanced case studies.
Aims :	At the end of this training, the student will be trained to the various advanced SAS programming tools like SAS macros, SAS SQL and ETL Studio. He will be able to apply them on complex and multiple data bases. *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Other infos :	This course is only open to students of the masters in statistics having a good passive English knowledge and having succeeded in the " SAS Base programming " certificate (see course STAT2360).
Cycle and year of study :	> Master [120] in Statistics: Biostatistics > Master [120] in Public Health > Certificat universitaire en statistique > Master [120] in Statistics: General
Faculty or entity in charge:	LSBA